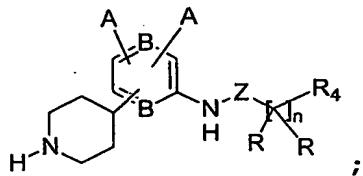


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What is Claimed

1. A compound having the structure:

5



10

wherein each A is independently -H, -F, -Cl, -Br, -I, -CN, -NO₂, -OR₃ or straight chained or branched C₁-C₇ alkyl;

15

wherein each B is independently N or CH;

20

wherein Z is CO or SO₂;

25

wherein each R is independently -H, -F or straight chained or branched C₁-C₇ alkyl, monofluoroalkyl or polyfluoroalkyl;

20

wherein R₄ is independently -OR₃, -NHR₃, -SR₃, -COR₃, straight chained or branched C₁-C₇ alkyl, monofluoroalkyl or polyfluoroalkyl, aryl or heteroaryl, wherein the aryl or heteroaryl is optionally substituted with one or more -F, -Cl, -Br, -I, -OR₂, or straight chained or branched C₁-C₇ alkyl;

25

wherein each R₃ is independently -H; straight chained or branched C₁-C₇ alkyl, monofluoroalkyl or polyfluoroalkyl; aryl or heteroaryl, wherein the

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aryl or heteroaryl is optionally substituted with one or more -F, -Cl, -Br, -I, -NO₂, -CN, -OR₂, or -NHR₂;

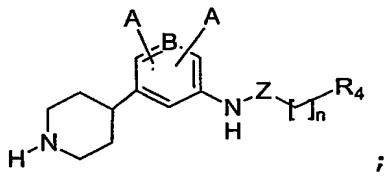
5 wherein each R₂ is independently -H, straight chained or branched C₁-C₇ alkyl, aryl or heteroaryl, wherein the aryl or heteroaryl is optionally substituted with one or more -F, -Cl, -Br, -I, -NO₂, -CN; and

wherein n is an integer from 1 to 6 inclusive;

10

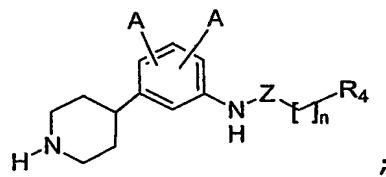
or a pharmaceutically acceptable salt thereof.

2. The compound of claim 1 wherein the compound has the structure:



wherein A, B, Z, n and R₄ are as defined in claim 1.

3. The compound of claim 2 wherein the compound has the structure:



wherein A and Z are as defined in claim 1;

25 wherein R₄ is aryl or heteroaryl, wherein the aryl or heteroaryl is optionally substituted with one or more

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-F, -Cl, -Br, -I, -OR₃, or straight chained or branched C₁-C₇ alkyl;

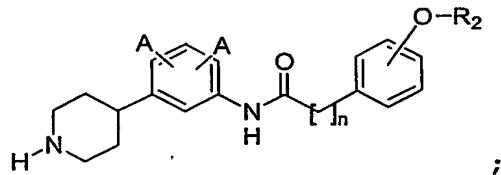
5 wherein each R₃ is straight chained or branched C₁-C₇ alkyl, aryl or heteroaryl, wherein the aryl or heteroaryl is optionally substituted with one or more -F, -Cl, -Br, -I, -NO₂, -CN, or -OR₂;

10 wherein each R₂ is -H, straight chained or branched C₁-C₇ alkyl, aryl or heteroaryl, wherein the aryl or heteroaryl is optionally substituted with one or more -F, -Cl, -Br, -I, -NO₂, -CN; and

wherein n is as defined in claim 1.

15

4. The compound of claim 3 wherein the compound has the structure:



20

wherein A is as defined in claim 1;

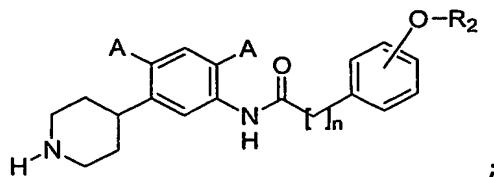
25

wherein R₂ is -H, straight chained or branched C₁-C₇ alkyl, or aryl wherein the aryl is optionally substituted with one or more -F, -Cl, -Br, -I, -NO₂, or -CN; and

wherein n is as defined in claim 1.

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5. The compound of claim 4 wherein the compound has the structure:

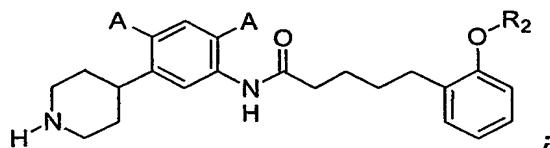


5 wherein A is as defined in claim 1;

wherein R₂ is straight chained or branched C₁-C₇ alkyl; and

10 wherein n is an integer from 3-6 inclusive.

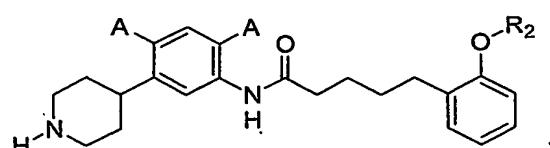
6. The compound of claim 5 wherein the compound has the structure:



15 wherein each A is independently -H, -F, -Cl, -Br or -I; and

R₂ is as defined as in claim 5.

- 20 7. The compound of claim 6 wherein the compound has the structure:



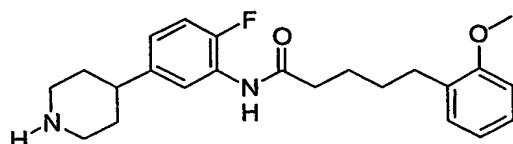
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wherein each A is independently -H, -F or -Cl; and

wherein R₂ is straight chained or branched C₁-C₃ alkyl.

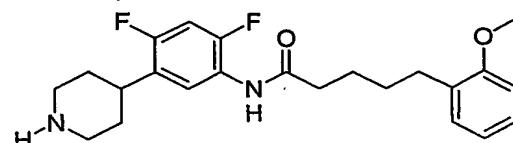
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8. The compound of claim 7 wherein the compound has the structure:

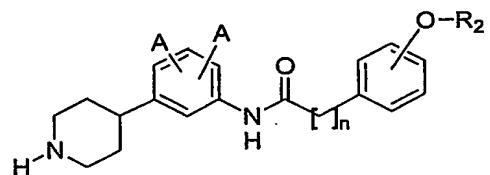


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9. The compound of claim 7 wherein the compound has the structure:



15 10. The compound of claim 2 wherein the compound has the structure:



wherein A is as defined in claim 1; and

20

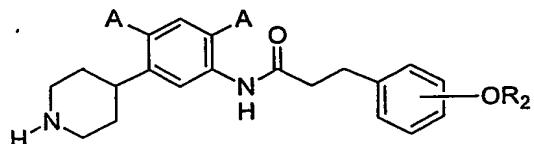
wherein R₂ is aryl, wherein the aryl is optionally substituted with one or more -F, -Cl, -Br, -I, -NO₂, or -CN; and

25

wherein n is an integer from 1 to 6 inclusive;

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11. The compound of claim 10 wherein the compound has the structure:



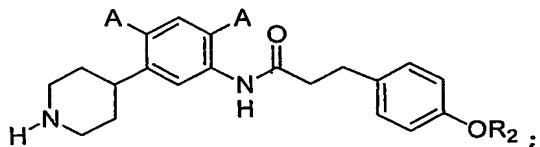
5

wherein each A is independently -H, -F, -Cl, -Br or -I; and

wherein R₂ is as defined in claim 10.

10

12. The compound of claim 11 wherein the compound has the structure:



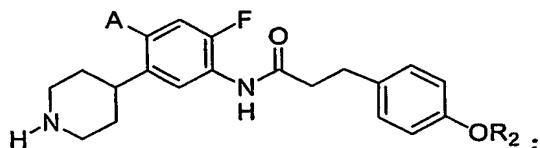
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wherein each A is independently -H, -F or -Cl; and

wherein R₂ is aryl optionally substituted with one or more -F, -Cl, or -Br.

20

13. The compound of claim 12 wherein the compound has the structure:

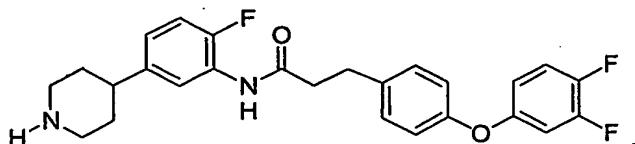


wherein each A is independently -H, -F or -Cl; and

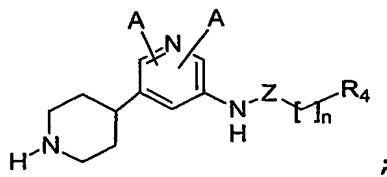
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wherein R₂ is aryl optionally substituted with one or more -F.

14. The compound of claim 13 wherein the compound has the
5 structure:



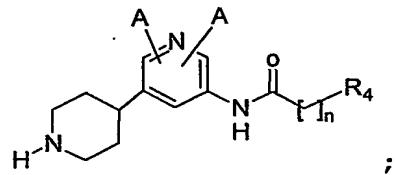
15. The compound of claim 2 wherein the compound has the structure:



10

wherein A, Z, n and R₄ are as defined in claim 1.

16. The compound of claim 15 wherein the compound has the
15 structure:



wherein A is as defined in claim 1; and

- 20 wherein R₄ is aryl optionally substituted with one or more -F, -Cl, -Br, -I, -OR₃, or straight chained or branched C₁-C₇ alkyl;

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wherein each R₃ is independently straight chained or branched C₁-C₇ alkyl, aryl or heteroaryl, wherein the aryl or heteroaryl is optionally substituted with one or more -F, -Cl, -Br, -I, -NO₂, -CN, or -OR₂;

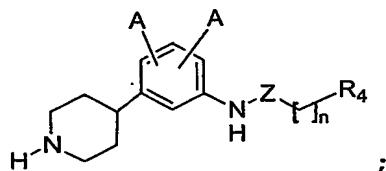
5

wherein each R₂ is independently straight chained or branched C₁-C₇ alkyl; and

wherein n is as defined in claim 1.

10

17. The compound of claim 2 wherein the compound has the structure:



15

wherein A is as defined in claim 1;

wherein Z is as defined in claim 1;

wherein R₄ is independently -OR₃, -NHR₃, -COR₃ or -SR₃;

20

wherein each R₃ is independently straight chained or branched C₁-C₇ alkyl, aryl or heteroaryl, wherein the aryl or heteroaryl is optionally substituted with one or more -F, -Cl, -Br, -I, -NO₂, -CN, -OR₂, or -NHR₂;

25

wherein R₂ is -H, straight chained or branched C₁-C₇ alkyl, or aryl wherein the aryl is optionally

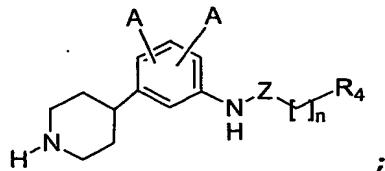
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substituted with one or more -F, -Cl, -Br, -I, -NO₂, -CN; and

wherein n is an integer from 1 to 6 inclusive;

5

18. The compound of claim 17 wherein the compound has the structure:



wherein Z is as defined in claim 1;

10

wherein each A is independently -H, -F, -Cl, -Br or -I;

wherein R₄ is independently -OR₃, -NHR₃, or -COR₃;

15

wherein R₃ is aryl optionally substituted with one or more -F, -Cl, -Br, -I, -NO₂, -CN, -OR₂ or -NHR₂;

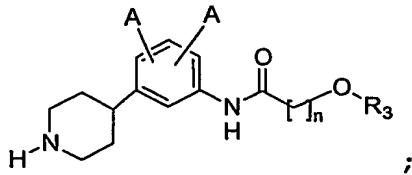
20

wherein each R₂ is independently -H, straight chained or branched C₁-C₇ alkyl or aryl optionally substituted with one or more -F, -Cl, -Br, -I, -NO₂, -CN; and

wherein n is an integer from 1 to 6 inclusive.

- 25 19. The compound of claim 18 wherein the compound has the structure:

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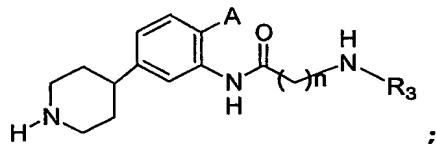
wherein each A is independently -H or -F;

5 wherein R₃ is aryl optionally substituted with one or
more -F, -Cl, -Br, -I, -NO₂, -CN, -OR₂ OR -NHR₂;

10 wherein R₂ is independently straight chained or
branched C₁-C₇ alkyl or aryl optionally substituted
with one or more -F, -Cl, -Br or -I; and

wherein n is an integer from 1 to 6 inclusive.

20. The compound of claim 17 wherein the compound has the
15 structure:



wherein A is -H, -F, -Cl, -Br or -I;

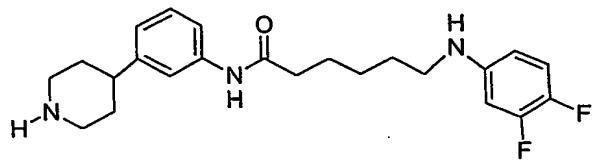
20 wherein R₃ is aryl optionally substituted with -NHR₂;
and

wherein R₂ is aryl optionally substituted with one or
more -F, -Cl, -Br, -I;

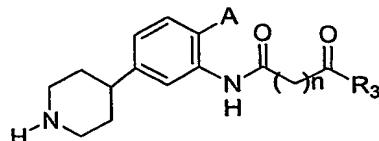
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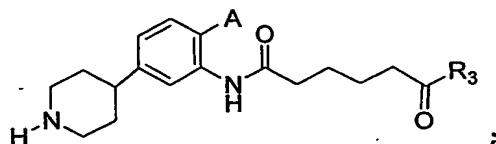
21. The compound of claim 20 wherein the compound has the structure:



22. The compound of claim 18 wherein the compound has the
5 structure:



23. The compound of claim 18 wherein the compound has the structure:



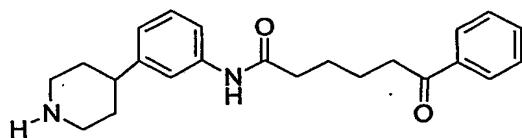
10

wherein A is -H, -F, -Cl, -Br or -I;

wherein R₃ is aryl optionally substituted with one or more -F, -Cl, -Br or -I;.

15

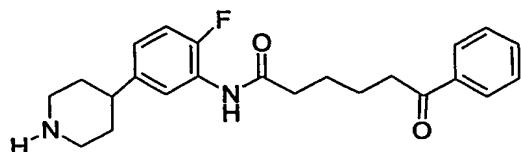
24. The compound of claim 23 wherein the compound has the structure:



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25. The compound of claim 23 wherein the compound has the structure:



5

26. A pharmaceutical composition comprising a compound of claim 1 and a pharmaceutically acceptable carrier.

- 10 27. A pharmaceutical composition made by admixing a compound of claim 1 and a pharmaceutically acceptable carrier.

- 15 28. A process for making a pharmaceutical composition comprising admixing a compound of claim 1 and a pharmaceutically acceptable carrier.

- 20 29. A method of treating a subject suffering from a disorder mediated by the MCH1 receptor comprising administering to a subject a therapeutically effective amount of a compound of claim 1.

30. The method of claim 29, wherein the therapeutically effective amount is an amount between about 0.03 and about 300 mg.

25

31. The method of claim 30, wherein the disorder is depression.

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32. The method of claim 30, wherein the disorder is anxiety.

33. The method of claim 30, wherein the disorder is
5 obesity.

34. The method of claim 30, wherein the disorder is urge incontinence.

10 35. A method of treating a subject suffering from depression, anxiety, urinary incontinence or obesity comprising administering to a subject a therapeutically effective amount of a compound of claim 1.

15 36. The method of claim 35, wherein the therapeutically effective amount is between about 0.03 and about 300 mg.

20 37. The method of claim 35, wherein the subject suffers from depression.

38. The method of claim 35, wherein the subject suffers from anxiety.

25 39. The method of claim 35, wherein the subject suffers from obesity.

40. A method of claim 35, wherein the subject suffers from
30 is urge incontinence.